

# Converting Colors

Android(4292012017)

Have a look what the booklet for  
Android(4292012017) contains.

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# **Color**

**Android(4292012017)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D2E7F1
RGB	210, 231, 241
RGB Percent	82%, 91%, 95%
CMY	0.1765, 0.0941, 0.0549
CMYK	0.13, 0.04, 0.00, 0.05
HSL	199°, 53%, 88%
HSV	199°, 13%, 95%
XYZ	71.0314, 77.2043, 94.3773
YIQ	225.8610, -15.7260, -1.3420

# Conversions

## Conversions Part 2

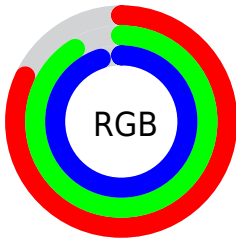
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	210, 223, 241
Decimal	13821937
CIE Lab	90.42, -4.95, -7.22
CIE LCh	90, 8.750, 235.567
Yxy	77.2043, 0.2928, 0.3182
Android (android.graphics.Color)	4292012017 (0xFFD2E7F1)
YUV	225.8610, 7.4635, -13.9101
Hunter-Lab	87.8660, -9.4650, -2.1775

# Details

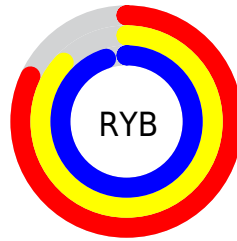
The Android color `4292012017` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `4294040786`, and the grayscale version is `4293059298`.

A 20% lighter version of the original color is `4294967295`, and `4288393145` is the 20% darker color. If you saturate the color by 10%, you get `4290437105`, and if you desaturate by 10%, it is `4293586929`.

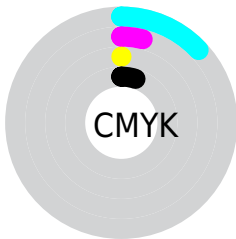
# Distribution



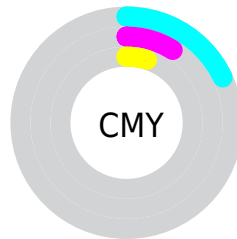
- Red (82%)
- Green (91%)
- Blue (95%)



- Red (82%)
- Yellow (87%)
- Blue (95%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (9%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color #4292012017 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color #4292012017 by changing the saturation by 10% instead.



■ 4292012017

■ 4292012017

4294967295

■ 4290169813

■ 4288393145

■ 4286682526

■ 4285037444

■ 4283392619

■ 4281879123

■ 4280431676

■ 4278984486

■ 4278191121

4292012017

4292012017

4290437105

4293586929

4288862193

4294965233

4287287537

4294967025

4285712625

4294967281

4284137713

4282497265

4280922609

4279347697

4278232049

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4291815658



4292012017



4292535796

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4292012017



4294237925



4293125588

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



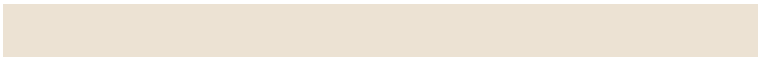
4292012017



4294040786

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4293714643



4292012017



4294368989

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4292012017



4293844973



4294172886



4292470746

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292012017



4292928500



4294172886



4293321939



# Sweetspot

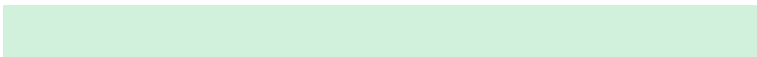
The Sweet Spot groups the original color and five complimentary colors.



4292012017



4294311167



4292014556



4286152064



4278190080



4286611584

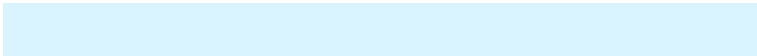


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4292012017



4292473855



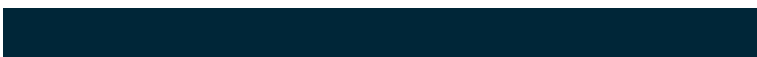
4292008177



4285297784



4278222008



4278199864



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4294038247



4294957555



4294044626



4286082164



4290248828

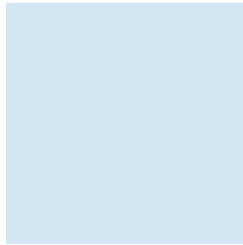


4281860134



# Previews

## White Background



This preview shows how the Android color 4292012017 looks on a white background.

## Color Contrast Check

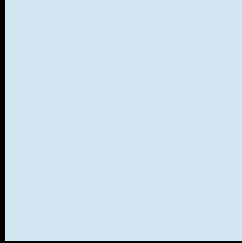
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4292012017 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

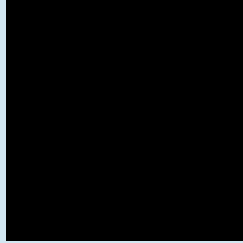
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

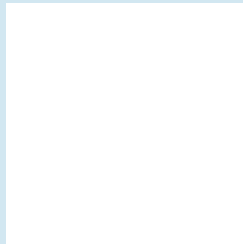
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4292012017 Background



This preview shows how black text looks on a background with the Android color 4292012017.



This preview shows how white text looks on a background with the Android color 4292012017.

# Color Blindness Simulation

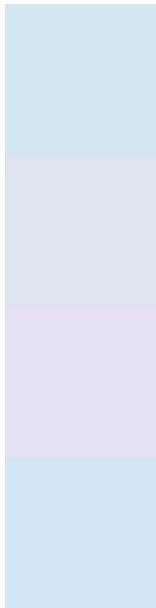
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



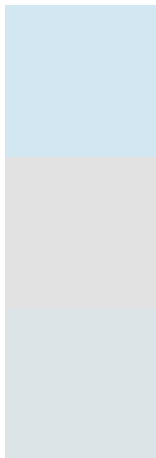
**Original Color**  
4292012017

**Protanomaly**  
4292732143

**Deuteranomaly**  
4293321202

**Tritanomaly**  
4292077301

# Monochromacy



**Original Color**  
4292012017

**Achromatopsia**  
4293059298

**Achromatomaly**  
4292666599

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292012017 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 231, 241)` looks like.

```
.text, #text, p{  
    color:rgb(210, 231, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 231, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 231, 241) }
```

## Border

The CSS property to change the border of an element to Android 4292012017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 231, 241) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 231, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 231, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 231, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 231, 241);  
box-shadow:4px 4px 4px 4px rgb(210, 231,  
241) }
```

# Background

The CSS property to change the background color of an element to Android 4292012017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 231, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
231, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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